

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION  
 - Engineering Bureau -  
 2040 South Pacheco, Santa Fe, NM 87505



2062

**ADMINISTRATIVE APPLICATION COVERSHEET**

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATION FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

- [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
- [DD-Directional Drilling] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

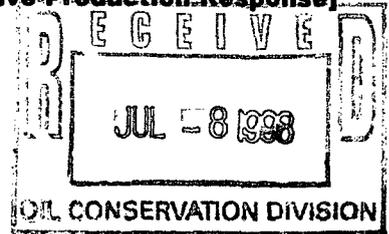
[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Directional Drilling  
 NSL  NSP  DD  SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement  
 DHC  CTB  PLC  PC  OLS  OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX  PMX  SWD  IPI  EOR  PPR



[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or  Does Not Apply

- [A]  Working, Royalty or Overriding Royalty Interest Owners
- [B]  Offset Operators, Leaseholders or Surface Owner
- [C]  Application is One Which Requires Published Legal Notice
- [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F]  Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Certification

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data (including API numbers, pool codes, etc.), pertinent information and any required notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Print or Type Name \_\_\_\_\_ Signature *[Handwritten Signature]* Title \_\_\_\_\_ Date \_\_\_\_\_



District I  
 PO Box 1980, Hobbs NM 88241-1980  
 District II  
 PO Drawer KK, Artesia, NM 87211-0719  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
 PO Box 2088  
 Santa Fe, NM 87504-2088

Form C-1  
 Revised February 21, 1998  
 Instructions on back  
 Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> APT Number 30-039-		<sup>2</sup> Pool Code 72319/71599		<sup>3</sup> Pool Name Blanco Mesaverde/Basin Dakota	
<sup>4</sup> Property Code 7452		<sup>5</sup> Property Name SAN JUAN 27-4 UNIT			<sup>6</sup> Well Number # 55M
<sup>7</sup> OGRID No. 14538		<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			<sup>9</sup> Elevation 6867

<sup>10</sup> Surface Location

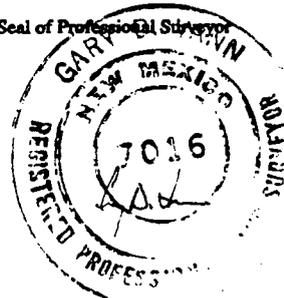
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	5	27 N	4 W		1970	SOUTH	2090	EAST	RIO ARRIE

<sup>11</sup> Bottom Hole Location If Different From Surface

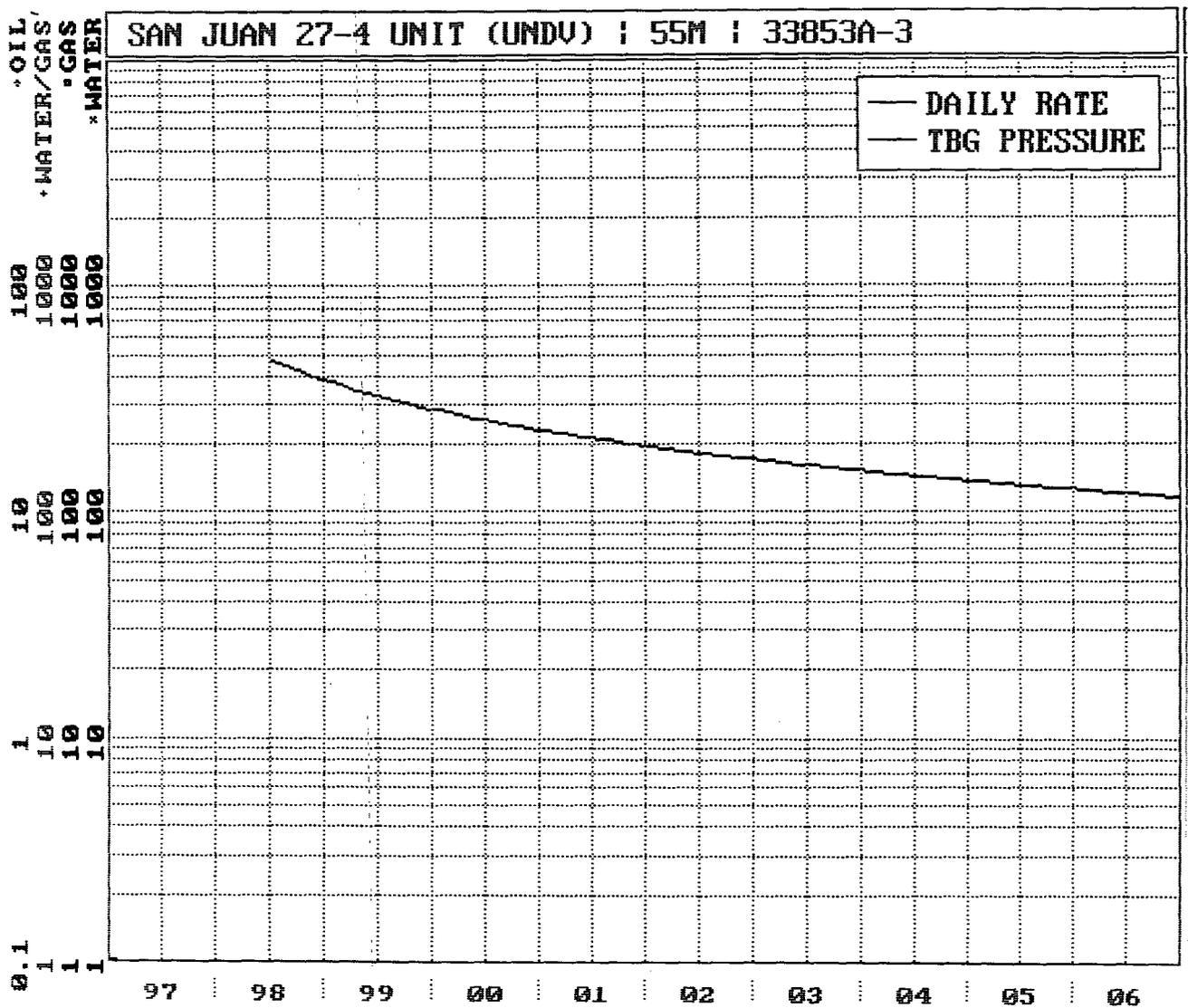
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres MV-E/319.33 DK-E/319.33	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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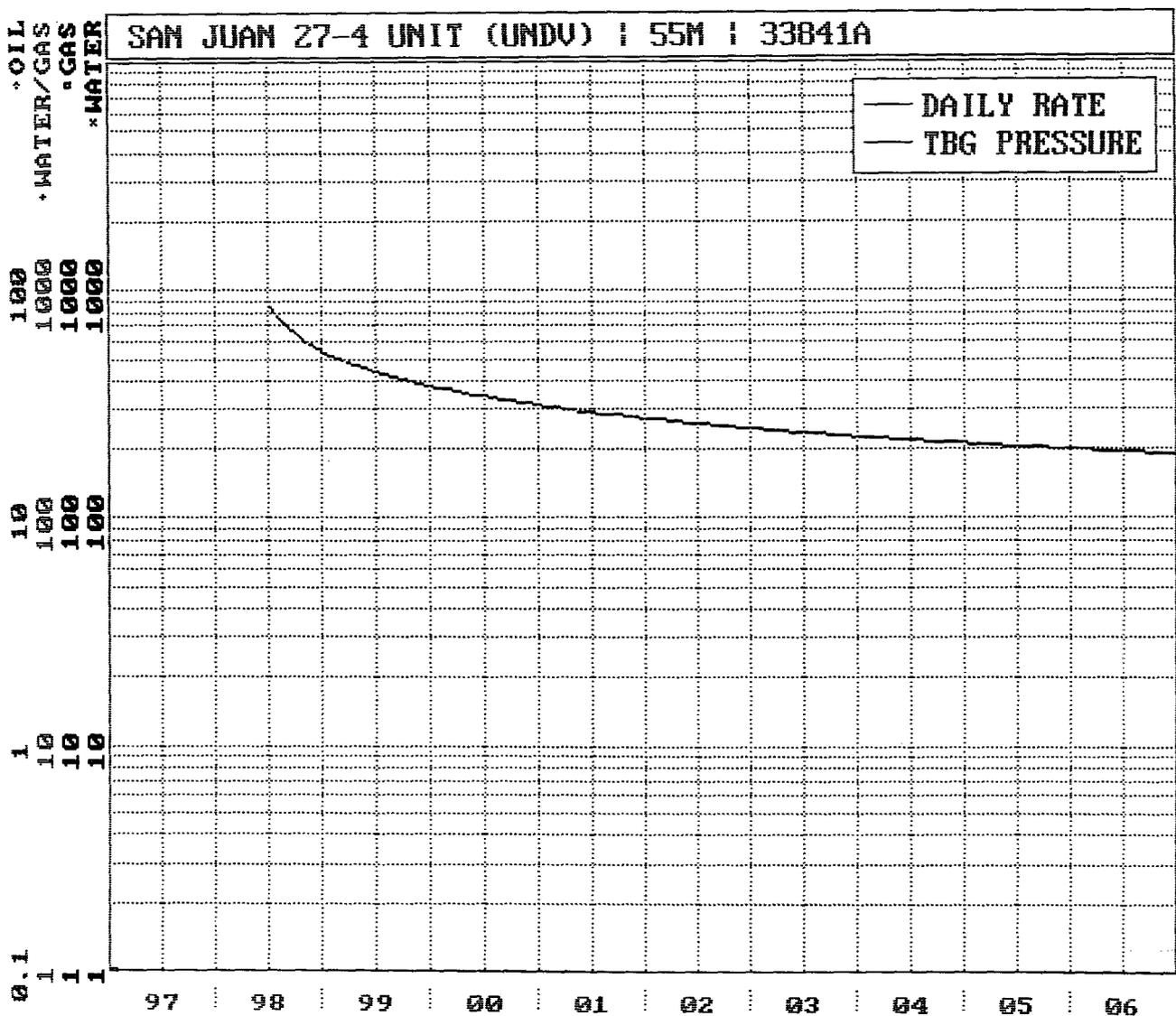
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTEREST HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p><sup>16</sup></p> <p>Lot 4      Lot 3      Lot 2      Lot 1</p> <p>5280'(R)</p> <p>5275'(R)</p> <p>5267'(R)</p> <p>2090'</p> <p>1970'</p> <p>5251'(R)</p> <p>NMSF - 080673</p>	<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature Peggy Bradfield</p> <p>Printed Name Regulatory Administrator</p> <p>Title</p> <p>Date</p>
	<p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true correct to the best of my belief.</p> <p>February 18, 1998</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p></p> <p>7016 Certificate Number</p>

San Juan 27-4 Unit #55M  
 Expected Production Curve  
 Basin Dakota



San Juan 27-4 Unit #55M  
 Expected Production Curve  
 Blanco Mesaverde



**SJ 27-4 Unit #55M**  
 Bottom Hole Pressures  
 Flowing and Static BHP  
 Cullender and Smith Method  
 Version 1.0 3/13/94

<b>Mesaverde</b>		<b>Dakota</b>	
<b><u>MV-Current</u></b>		<b><u>DK-Current</u></b>	
GAS GRAVITY	0.679	GAS GRAVITY	0.613
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.26	%N2	0.46
%CO2	0.92	%CO2	1.71
%H2S	0	%H2S	0
DIAMETER (IN)	2	DIAMETER (IN)	1.5
DEPTH (FT)	5350	DEPTH (FT)	8458
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137	BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	559	SURFACE PRESSURE (PSIA)	832
BOTTOMHOLE PRESSURE (PSIA)	639.5	BOTTOMHOLE PRESSURE (PSIA)	999.3
<b><u>MV-Original</u></b>		<b><u>DK-Original</u></b>	
GAS GRAVITY	0.679	GAS GRAVITY	0.613
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.26	%N2	0.46
%CO2	0.92	%CO2	1.71
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SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137	BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1193	SURFACE PRESSURE (PSIA)	2264
BOTTOMHOLE PRESSURE (PSIA)	1385.0	BOTTOMHOLE PRESSURE (PSIA)	2759.5

Page No.: 1  
Print Time: Mon Dec 29 11:17:14 1997  
Property ID: 11411  
Property Name: SAN JUAN 27-4 UNIT | 18 | 52077A-1 86312  
Table Name: K:\ARIES\RR98PDP\TEST.DBF

San Juan 27-4 # 55m  
Mesaverde Offset

--DATE-- M SIWHP  
■■■■■■■■■■ ■■■■Psi■■■■

07/08/58	1193.0	- original
09/11/58	1192.0	
12/14/58	795.0	
06/14/59	734.0	
06/14/60	712.0	
06/13/61	679.0	
01/20/62	676.0	
07/31/62	664.0	
01/07/63	659.0	
01/02/64	699.0	
07/29/65	655.0	
08/01/66	646.0	
08/04/67	624.0	
05/10/68	621.0	
06/09/70	587.0	
05/03/71	526.0	
05/30/72	496.0	
08/07/74	577.0	
02/20/81	562.0	
04/21/86	810.0	
09/04/89	795.0	
02/18/91	536.0	
08/20/91	548.0	
05/03/93	559.0	- current

Page No.: 3  
Print Time: Mon Dec 29 11:17:15 1997  
Property ID: 1655  
Property Name: SAN JUAN 27-4 UNIT | 70 | 44637A-1  
Table Name: K:\ARIES\RR98PDP\TEST.DBF

86804  
San Juan 27-4 #55M  

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Dakota Offset

--DATE-- M SIWHP  
■■■■■■■■■■ ■■■Psi■■■■

01/31/75	2264.0	- original
06/23/75	1412.0	
06/25/76	1027.0	
07/06/77	984.0	
06/05/85	856.0	
09/29/93	832.0	current

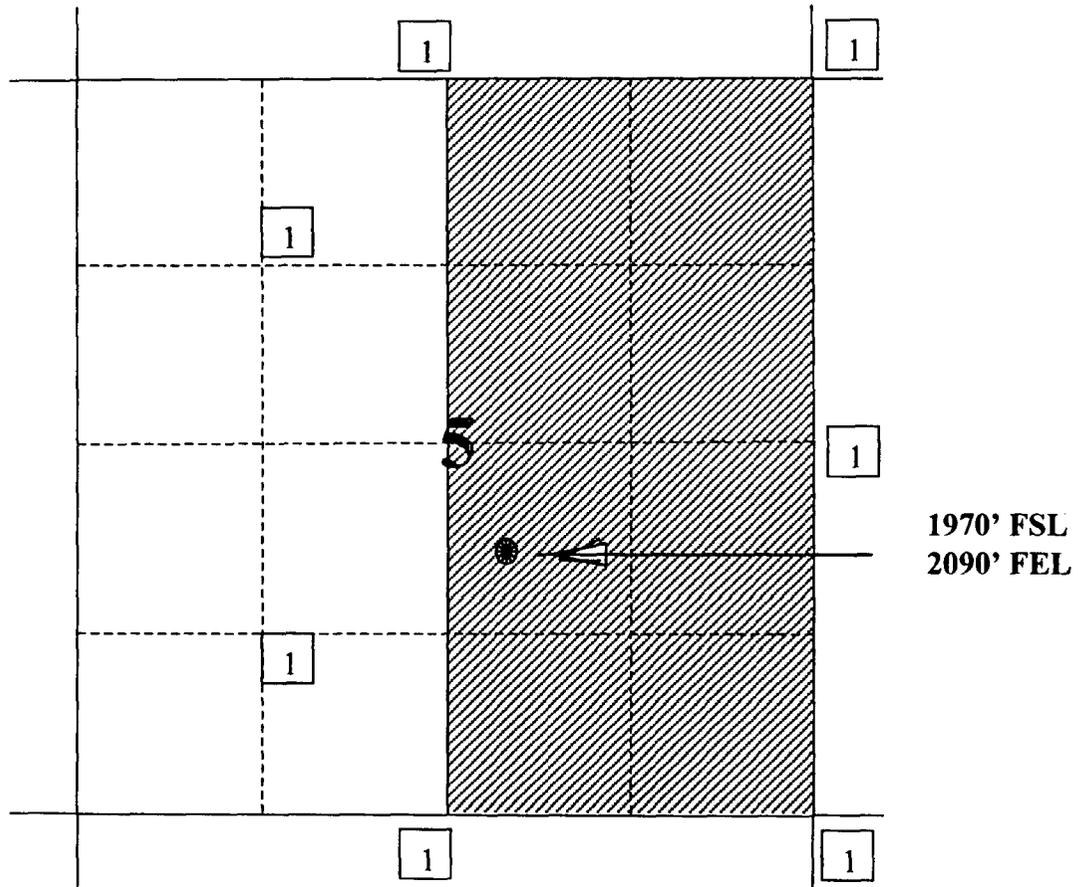
**BURLINGTON RESOURCES OIL AND GAS COMPANY**

**San Juan 27-4 Unit #55M**

**OFFSET OPERATOR/OWNER PLAT**

**Mesaverde / Dakota Formations Commingle Well**

**Township 27 North, Range 4 West**



1) Burlington Resources

